



HPPCL/GM-TM&TPHEP's/TP-E&F/K-1-2021- 969-73

Dated: 29-12-2021

To,

The Divisional Forest officer,  
Forest Division Jogindernagar.

**Subject:-** Proposal for seeking prior approval of the Central Government under Section 2 of Forest (Conservation) Act, 1980 for non-forestry use of 406.79 ha. of forest land in favour of HPPCL for the construction of Thana Plaun Hydro-Electric Project (91MW), within the jurisdiction of Mandi & Jogindernagar Forest Division, District Mandi, Himachal Pradesh- Reply to MOEF&CC observations thereof.

**Proposal No.: FP/HP/HYD/8255/2014.**

Sir,

On the subject cited above the observations raised by MOEF&CC, GOI vide F. No. 8-21/2021-FC, dated 02.09.2021 has been attended and para wise reply for the same is as under:-

#	Observations	Reply
1.	As per analysis done by the DSS cell the total area proposed for diversion and the area of different components submitted in the proposal are at variance with the area included in the KML Files. The State Govt. may therefore verify the facts and submit the correct component wise data/KML files of the area proposed for diversion.	Revised KML files/maps have been re-submitted and uploaded to MoEF&CC Portal.
2.	The area proposed for Compensatory Afforestation is 815.48 ha. whereas the area as per the KML files submitted by State Govt. is 782.17 Ha. The same needs to be checked and corrected.	Corrections have been done to the KML files uploaded and submitted to DFO concerned ( <b>soft copy attached as Annexure-I</b> ), for uploading to MoEF&CC Portal. Further action to be taken by concerned DFO's.
3.	Area of some of the patches proposed for Compensatory Afforestation is less than 5.0 ha. (Details included in DSS Report). The smaller areas are difficult for managing and raising successful plantations. The State Govt. may therefore explore other areas in this	Amended maps of area excluding less than 5 hectares have been prepared and submitted to O/o DFO Mandi vide this office letter no. HPPCL/GM-TM&TPHEP's/TP-E&F/K-1-2021- 954, dated 21/12/2021 and O/o DFO, Karsog vide this office letter no. HPPCL/GM-

Registered Office: Himfed Building, BCS, New Shimla- Himachal Pradesh-09

CIN: U4010HP2006SGC030591, Ph. No.: 0177-2670716, Fax No.: 0177-2671821, website: [www.hppcl.in](http://www.hppcl.in)



Himachal Pradesh Power Corporation Limited

(A State Government Undertaking)

Office of General Manager

Triveni Mahadev (78 MW) & Thana Plaun HEP (191 MW),

Kotli, Distt. Mandi-175003

Tel. No. 01905-281081, Email: - gmtpbhnppcl@gmail.com



	regard.	TM&TPHEP's/TP-E&F/K-1-2021- 963-66, dated 23/12/2021. Further action to be taken by concerned DFO's.
4.	It has been observed in DSS analysis that out of total forest area proposed for Compensatory Afforestation, 24 ha. of land is classified as very dense forest, 58 ha. as moderately dense forest, in terms of forest classes (as per ISFR 2019). The same is required to be verified and corrected because as per the guidelines of the Ministry, degraded forest lands with crown density below 40% can be taken up for Compensatory Afforestation.	Additional land of 216 hectares was identified for CA in Forest Division Mandi as detailed below: ❖ <b>In lieu of :</b> <ul style="list-style-type: none"><li>➢ 24 ha. Very dense forest.</li><li>➢ 58 ha. Moderately dense forest.</li><li>➢ Less than 5 ha. Patches.</li></ul> Maps for the same has been submitted to O/o DFO Mandi vide this office letter no. HPPCL/GM-TM&TPHEP's/TP-E&F/K-1-2021-948-50, dated 16/12/2021. Further action to be taken by concerned DFO's.
5.	Since the proposal involves submergence of huge area therefore the total no. of trees involved in the project along with their bifurcation at FRL, FRL-2, FRL-4 meters is also required to be given.	Enumeration of trees at FRL-4 and FRL-2 has been done and submitted to concerned DFO's office. Further action to be taken by concerned DFO's.
6.	Nagru WLS is located at a distance of 4.88 Km from the proposed forest area, therefore, comments of the Chief Wildlife Warden, including on notification of ESZ and provisions thereof, may be submitted.	The comments of Principal CCF Wildlife and CWL W, has been submitted to Nodal Officer-cum-APCCF (FCA) vide letter no. WL (Misc.)-18/Diversion/Vol-IX-6242, dated 27.12.2021 ( <b>Annexure-II</b> ). Pertains to O/o Nodal Officer-cum-APCCF (FCA).
7.	Date of recommendation in Part-IV is given as 24.03.2024 by the Nodal Officer, therefore the same is required to be revised.	Pertains to O/o Nodal Officer-cum-APCCF (FCA).
8.	The State Govt. has not submitted a copy of the approved Detailed Project Report (DPR) of the instant project. The same is required to be submitted.	One Set of approved hard copy of Detailed Project Report (Vol.-I to Vol. V) along with Techno Economic Clearance (TEC) granted by Central Electricity Authority (CEA) has been attached as <b>Annexure- III</b> .
9.	In the online Part-I at Sr. No. B-I it has been mentioned that proposals for diversion of 12.092 ha. forest land for the project have been approved in the past.	It is submitted here that the proposals for diversion of 12.092 hectares of forest land was for Solar Power Project at Berra Dol, Distt. Bilaspur, HP granted in favour of

Registered Office: Himfed Building, BCS, New Shimla- Himachal Pradesh-09

CIN: U4010HP2006SGC030591, Ph. No.; 0177-2670716, Fax No.: 0177-2671821, website: [www.hppcl.in](http://www.hppcl.in)



	<p>The details of the above proposals along with their linkage with the present proposal is required to be provided.</p>	<p>this office (<b>Annexure- IV</b>), and as such it has no linkage with the current proposal of Thana Plaun HEP.</p> <p>The necessary correction could not be made at MOEF&amp;CC portal as the details entered at Part-I at Sr. No. B-1 is locked and cannot be changed by the applicant.</p>
10.	<p>The proposals involves Non-Forest land, therefore the State Govt. will ensure that R&amp;R plan is prepared and submitted in case people are getting displaced due to execution of the project.</p>	<p>The copy of model R&amp;R Plan of HPPCL duly notified by Government of Himachal Pradesh has been already attached in the proposal as Checklist no. 30 at page no. 494. However, the same is again attached as <b>Annexure- V</b>.</p> <p>The project specific R&amp;R Plan will be prepared in line with the Model R&amp;R Plan of HPPCL after Private Land Acquisition is completed for the project under LARR Act.</p>

In view of above, it is requested to kindly process the proposal for diversion of 406.79 ha. of forest land in favour of HPPCL for the construction of Thana Plaun Hydro-Electric Project (191MW), within the jurisdiction of Mandi & Jogindernagar Forest Division, District Mandi, Himachal Pradesh at the earliest, please.

**DA:**

- One CD (KML files) - Annexure-I.
- Comments of CWL W to Nodal Officer (FCA) - Annexure-II.
- One set of hard copy of DPR (Vol. I to Vol. V) and TEC-Annexure-III.
- Final Forest Clearances of Berra Dol SPP- Annexure-IV.
- Model R&R Plan of HPPCL- Annexure-V.

Your's faithfully,

*Harg*  
Addl. General Manager  
TP & TM HEPs HPPCL  
Kotli, Distt. Mandi (H.P.)

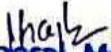
**CC:**

1. The Chief Environment Specialist, HPPCL, Himfed Building, BCS, New Shimla-09.
2. The Director (Civil), HPPCL, Himfed Building, BCS, New Shimla-09.
3. The Conservator of Forest, Mandi Forest Circle, Distt. Mandi, H.P.
4. The Divisional Forest Officer, Mandi Forest Division, Mandi, H.P.

Authorization letter

Addl. General Manager, Triveni Mahadev (78 MW) and Thana Plaun (191MW) HEPs, HPPCL, Kotli, District Mandi (H.P.) is hereby authorized to sign the documents required and/ or take all necessary action as may be required in connection with Forest Clearance of Thana Plaun HEPs (191MW) of HPPCL located on River Beas of Himachal Pradesh.

  
Managing Director,  
HPPCL, ~~Himfed~~ Building  
BCS, New Shimla-171009

  
Addl. General Manager  
TP & TM HEPs HPPCL  
Kotli, Distt. Mandi (H.P.)

  
Addl. General Manager  
TP & TM HEPs HPPCL  
Kotli, Distt. Mandi (H.P.)

11

WL (Misc.)-18/Diversion/Vol-IX/ 6242  
 Himachal Pradesh Forest Department

Dated Shimla-1, the 27/12/2021

From: Principal CCF Wildlife and To: Nodal Officer-cum-APCCF (FCA)  
 CWLW, HP Shimla. O/o Pr. CCF (HoFF) Shimla.

Subject: Diversion of 406.79 hectare of forest land in favour of HPPCL for the construction of Thana Plaun (191 MW), within the jurisdiction of Mandi & Joginder Nagar Forest Division, Distt. Mandi, Himachal Pradesh.

Memo.

Kindly refer to your office memo No. Ft.48-2883/2014 (FCA) dated 18-09-2021 on the subject cited above.

In this regard, CF GHNP Shamshi has submitted his report on the above cited subject and on the basis of her report the comments of undersigned are as under:-

1. That the aerial distance of proposed site from the boundary of Nargu WLS is 14.500 Kms and from its proposed Eco-Sensitive Zone is 13.500 Kms.
2. That there will be no direct/disturbance to flora and fauna of Nargu WLS.
3. CF GHNP Shamshi further stated that there is no specific wild animal passage in the above area and in view of this there is no requirement of animal passage plan.

However, while taking further necessary action in the matter it may be ensured that all the instructions, rules, stipulations and guidelines on diversion of land are strictly observed and adhered to.

This is for favour of information and further necessary action at your end please.

Endst. No. WL (Misc.)-18/Diversion/Vol-IX/ 6243

Copy is forwarded to CF GHNP Shamshi w.r.t. her office Memo. No. 5629 dated 10-12-2021 for information.

PCCF. WL & 1/1  
 CWLW, HP  
 Dated 27-12-2021

PCCF. WL & 1/1  
 CWLW, HP

9/1  
 26/12/2021



No.2/HP/46/CEA/2012-PAC/ 269-310

Date: 07.09.2021

## OFFICE MEMORANDUM

**Subject: Accord of Concurrence to Thana Plaun Hydro Electric Project (3x50.33 MW+2x20MW =191 MW) in Himachal Pradesh by M/s Himachal Pradesh Power Corporation Limited (HPPCL) under section 8 of the Electricity Act, 2003-regarding**

Reference is invited to the Detailed Project Report (DPR) of the Thana Plaun HE Project (3x50.33 MW+ 2x20 MW= 191 MW) in Himachal Pradesh submitted by M/s HPPCL on 08.02.2018 for Concurrence.

It is hereby informed that in exercise of the powers conferred upon the Authority under Section 8 of the Electricity Act, 2003, the Central Electricity Authority has concurred the aforesaid Hydro Electric Project for Estimated Cost of ₹1530.13 Crore (September 2019 PL) including IDC of ₹197.60 Crores with the following stipulations:

The cost of the scheme as mentioned above is indicative and may change on account of following as per actual: -

- a) Price Escalation
- b) Change in Law
- c) Change in quantities (duly approved by competent authority) due to Geological Surprises.
- d) Foreign Currency Exchange Rate.

2. The abstract of approved Project Cost along with the tentative Financial Package and details of Cost of Civil Works and E&M are attached at Annex-I, I (A) and I (B). The Salient Features of the scheme are given in Annex-II.

3. This Concurrence is subject to fulfillment of the following conditions: -

- (i) M/s HPPCL shall comply with the suggestions/observations of Central Water Commission (CWC) as given in Annex -III and as incorporated in the final DPR.
- (ii) M/s HPPCL shall comply with the suggestions/observations of Central Electricity Authority (CEA) as given in Annex -IV and as incorporated in the final DPR.

Page 1 of 6

*High*  
Addl. General Manager  
TP & TM HEPs HPPCL  
Kotli, Distt. Mandi (H.P.)

- 1 -

(iii) M/s HPPCL shall comply with the suggestions/observations of GSI as given in Annex-V and as incorporated in the final DPR.

(iv) M/s HPPCL shall comply with the suggestions/observations of Central Soil & Materials Research Station (CSMRS) on Construction material & Geotechnical aspects as given in Annex - VI and as incorporated in the final DPR.

(v) M/s HPPCL shall complete balance explorations/investigations. Results of the same shall be communicated for Concurrence of CEA, CSMRS and GSI. Cost for changes required consequent to investigations shall be absorbed by M/s HPPCL.

(vi) In case, any change in e-flows is suggested by MoEF&CC in future, M/s HPPCL shall review the installed capacity & design energy of the project and furnish the same for appraisal to CEA before commencement of construction of the project. Further, M/s HPPCL shall review the design energy based on revised hydrology on commissioning of the project and thereafter at interval of every 10 years and furnish the same for appraisal of CEA.

(vii) In case geological surprises in underground works are met, M/s HPPCL shall systematically maintain a record of geological surprises, those are encountered. At the same time, M/s HPPCL shall request the State Govt. to constitute an expert committee consisting of representatives from State Govt., GSI, CWC, CEA etc. Once a committee is constituted, M/s HPPCL shall submit their proposal for the enhanced cost to the expert committee and the expert committee shall examine and recommend the cost thereof.

(viii) M/s HPPCL shall use the seismic design parameters approved by National Committee on Seismic Design Parameters (NCSDP) for design purposes.

(ix) In case, changes are made in design parameters, during construction, due to site conditions or otherwise, the same shall be intimated and got concurred from the Authority (CEA) before M/s HPPCL implements such changes. The works on such changes shall be remain suspended till the approval of the Authority. If, M/s HPPCL, violates this condition then this Concurrence shall become invalid.

(x) Tariff of the project shall be as determined/adopted by appropriate Electricity Regulatory Commission.

(xi) M/s HPPCL shall obtain Environmental and Forest clearance from MoEF&CC and shall submit a copy to CEA.

(xii) Suitable R&R plan shall be prepared by M/s HPPCL and submitted to MoEF&CC for obtaining their clearance.

(xiii) M/s HPPCL shall comply with the conditions as mentioned in the Ministry of Water Recourses, RD & GR (now Ministry of Jal Shakti) letter no. 15011/1/2015-PP dated 15.12.2015 (the corrected letter as forwarded by MoWR, RD & GR vide letter no.L-15011/1/2015-PP dated 22.01.2016 (Copy attached at Annex-VII) for project design and shall ensure adequate e-flow for different months as prescribed by MoEF&CC particularly during lean months and longitudinally connectivity.

- (xiv) If any impact on wild life is observed, M/s HPPCL would obtain clearance from National Board of Wild Life and shall submit the same to CEA.
- (xv) If Scheduled Tribe population is getting affected at project site, clearance under Forest Right Act/Ministry of Social Justice & Empowerment/ Ministry of Tribal Affairs, Govt. of India/State Government shall be obtained by M/s HPPCL Limited and shall submit the same to CEA.
- (xvi) M/s HPPCL shall take appropriate precautions to avert flooding of powerhouse by adopting measures listed in **Annex – VIII**.
- (xvii) M/s HPPCL shall take appropriate preventive measures of Disaster Management in case of Dam failure or sudden release of water as per conditions contained in **Annex-IX**:
- (xviii) M/s. HPPCL shall obtain the clearance from Ministry of Defence & shall comply with the conditions stipulated therein.
- (xix) M/s HPPCL shall obtain clearance from Ministry of Home Affairs regarding participation of foreign companies in tender works packages and shall comply with the conditioned stipulated therein.
- (xx) M/s HPPCL shall comply with the guidelines for participation of foreign Companies in tendering for work packages of Hydro Electric Projects in sensitive areas, issued by Ministry of Power vide No. 7/1/2002-DO(NHPC) [Vol. II], dated 03.09.09 appended at **Annex-X**.
- (xxi) M/s HPPCL shall deploy modern tools / software for construction monitoring of the project by establishing IT based monitoring systems and linking the same to CEA network.
- (xxii) M/s HPPCL shall ensure availability of adequate quantities of rock/sand from quarries/excavated muck/burrow areas to meet the requirement of coarse & fine aggregates for both wearing & non-wearing surfaces.
- (xxiii) Fly ash and fly ash based products shall be used in the construction of various works to the extent possible in accordance with MoEF&CC notification dated 14.09.1999 and its amendment dated 27.08.2003 and as revised on 06.11.2008. Construction material surveys shall include the required investigations for use of fly ash and fly ash based products in various works, infrastructure facilities etc. and their feasibility shall be ascertained by M/s HPPCL.
- (xxiv) M/s HPPCL Limited shall submit the final updated DPR to the concerned State Government/s, appropriate Electricity Regulatory Commission and the Transmission Utility under intimation to the Authority. M/s. HPPCL shall also forward a copy of final updated DPR to co-basin States and Indus Wing of MoJS under intimation to the Authority.
- (xxv) Information in respect of tying up essential inputs/statutory clearances shall be submitted by M/s HPPCL to CEA/CWC/GSI/CSMRS on receipt of same.
- (xxvi) The broad technical aspects of the project proposal in the project report have been scrutinized in CEA in consultation with CWC, GSI, CSMRS and other concerned agencies. The scrutiny is based on the data, assessment and certificates presented

in the report and information/clarifications received as compliances to the observations on the assumption that the data and information furnished are accurate and have been collected reliably by the project authorities from dependable sources and/or after carrying out detailed surveys and investigations as presented in the report.

(xxvii) Project is scheduled to be completed within 58 months from the zero date of 9<sup>th</sup> December 2021.

Unit -wise commissioning schedule of the project is given below:

- Unit-I (50.33 MW) : 54 months
- Unit-II (50.33 MW) : 55 months
- Unit-III (50.33 MW): 56 months
- Unit-IV (20 MW): 57 months
- Unit-V (20 MW): 58 months

(xxvii) In case time gap between Concurrence accorded to the scheme by CEA and award of one of major civil packages (either Dam or HRT or Powerhouse) by M/s HPPCL is three years or more, a fresh Concurrence of CEA shall be obtained by M/s. HPPCL.

(xxviii) Revalidation of Concurrence can also be considered, in case, the reason for delay in award of one of major civil packages (either of Dam/HRT/Powerhouse) is beyond the control of developer. However, proposal for revalidation shall be submitted three months before the expiry of validity of the Concurrence, which is three years from the date of issue of this Office Memorandum.

(xxix) M/s HPPCL shall approach HPPTCL for grant of Connectivity, LTA and MTOA as per regulation, 2010, of HPERC. The developer must ensure that Generating Machines are capable of operation in Synchronous Condenser Mode.

(xxx) Concurrence is subject to compliance by M/s HPPCL of various policies/guidelines etc. issued by Govt. of India from time to time.

(xxxi) M/s HPPCL Limited shall comply strictly with the "Public Procurement (Preference to make in India) Order, 2017 (PPP-MII Order)" issued by Department of Industrial Policy and Promotion, Ministry of Commerce & Industry, Govt. of India vide its letter no. P-45021/2/2017-B.E.-II dated 15.06.17. (Copy enclosed at Annex-XI), amendments thereof, if any.

4. Monthly Status Report of compliance of the conditions stipulated under para 3 of this Concurrence letter shall be submitted by M/s. HPPCL to Secretary, CEA.
5. Monthly Progress Report during construction of the project shall be submitted by M/s HPPCL to Hydro-Project Monitoring (HPM) Division of CEA. Three (3) copies of the half-yearly progress reports on both physical progress of the scheme and expenditure actually incurred, duly certified by statutory auditors shall be submitted to the Authority till the Commercial Operation Date of the plant. The project authorities shall give free accessibility to CEA officers and staff to have on the spot assessment of various aspects of the project.

6. Monthly status of the project from the date of Concurrence to date of Commercial Operation (CoD) of the project shall be furnished by M/s. HPPCL to Secretary, CEA as per the proforma enclosed at Annex-XII.

7. The Authority reserves the right to revoke this Concurrence, if the conditions stipulated in this Office Memorandum are not complied with to the satisfaction of the Authority.

Encls: Annexures I, I (A), I (B), II, III, IV, V, VI, VII, VIII, IX, X, XI and XII.



(V.K. Mishra)  
Secretary, CEA

To,

- ✓ 1. Managing Director, M/s HPPCL, Himfed Building, BCS, New Shimla, Shimla, Himachal Pradesh-171009
- 2. Secretary, Ministry of Power, Govt. of India, Shram Shakti Bhawan, Rafi Marg, New Delhi-110119.
- 3. Secretary, MoEF&CC, Government of India, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi - 110003.
- 4. Chairperson, Central Electricity Regulatory Commission, 3rd & 4th Floor, Chanderlok Building, 36, Janpath, New Delhi-110001.
- 5. Chairperson, Central Water Commission, Sewa Bhawan, R.K. Puram, New Delhi - 110066.
- 6. Principal Secretary (MPP& Power), Department of Power, Government of Himachal Pradesh, Shimla-171002
- 7. Chairman-cum-Managing Director, Power Grid Corporation of India Limited, Saudamini, Plot No.2, Sector 29, Gurugram - 122001 (Haryana).
- 8. Adviser (Energy), Niti Ayog, Yojana Bhawan, New Delhi - 110001
- 9. Member (D&R), Central Water Commission, Sewa Bhawan, R. K. Puram, New Delhi - 110066.
- 10. Joint Secretary (Hydro), Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi-110119.
- 11. Commissioner (Indus Wing), Ministry of Jal Shakti, RD&GR, 2<sup>nd</sup> Floor, Block-3, CGO Complex, Lodhi Road, New Delhi-110003.
- 12. Chief Engineer (HPA/PSP&PA-I/F&CA/TCD/Legal/HEPR/HPP&I/HE&TD/HPM), CEA, Sewa Bhawan, R.K. Puram, New Delhi - 110066.
- 13. Chief Engineer (PAO) / Design(N&W), CWC, Sewa Bhawan (S), R.K. Puram, New Delhi - 110066.
- 14. Director (LHIM&EPE Division), Geological Survey of India, A-II, Pushpa Bhawan, Madangir Road, New Delhi - 110062.
- 15. Director, CSMRS, Olof Palme Marg, Hauzkhast, New Delhi-110016

16. Director {PA (N) / Hydrology (N) / CMDD (N&W) / Embankment (N&W) / HCD (N&W) / Gates Design (N&W) / FE&SA / ISM-2 /CA-HWF / CMC & PM / Instrumentation}, CWC, Sewa Bhawan (S), R.K. Puram, New Delhi – 110066.

Copy to:

17. Chairperson, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi- 110066.

18. Member (Power System / Hydro / Planning / Grid Operation & Distribution / Thermal / Economic & Commercial), CEA, Sewa Bhawan, R.K. Puram New Delhi – 110066.



- 6 -

Thana Plaun HEP (191 MW), Himachal Pradesh  
Abstract of Cost Estimates (September 2019 PL)

(Figures in Rs. crores)

S.N.	Description	Amount
a	Civil Works	1029.28
b	E&M Works	303.25
c	Associated Transmission System Part*	-
1	<b>Hard Cost (a+b+c)</b>	<b>1332.53</b>
2	IDC	197.60
3	FC	0.00
4	<b>Total Cost (1+2+3)</b>	<b>1530.13</b>

\*Associated Transmission System to be constructed by State Transmission Utility. Hence this cost not to be accounted in total hard cost.

Tentative Financial Package

(Present Day Cost at September, 2019 Price Level)

Debt Equity Ratio=70.30

Source of Financing	Rs. Crores
Equity (Internal resources)	459.04
Debt i) Domestic Commercial Borrowing	1071.09
<b>Total (Equity + Debt)</b>	<b>1530.13</b>

Terms of Loan

Sl. No.	Item	Details
1	Source of debt	Commercial Banks/ Bonds
2	Loan Amount	1071.09 Crore
3	Interest rate	7.50%
4	Financing	0.0

भारत सरकार  
पर्यावरण, वन एवं जलवायु परिवर्तन गंत्रालय  
क्षेत्रीय कार्यालय (उत्तर-गढ़ क्षेत्र)  
25 सुगाष रोड, देहरादून-248001  
दरमास: 0135-2650809  
फैक्स-0135-2653010  
ईमेल - [moef.ddn@gov.in](mailto:moef.ddn@gov.in)



GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST &  
CLIMATE CHANGE  
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25 SUBHASH ROAD, DEHRADUN-248001  
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पत्र सं. 8बी / एच.पी.बी / 09 / 52 / 2016 / 1211

दिनांक: 10 / 10 / 2017

सेवा में,

अतिरिक्त मुख्य सचिव (वन)  
हिमाचल प्रदेश सरकार,  
आसर्मडेल बिल्डिंग, शिमला।

विषय: **Diversion of 6.40 ha of additional forest land for the construction of Solar Power Project (5 MW) Berra-Dol in favour of HPPCL within the jurisdiction of Bilaspur Forest Division, District Bilaspur, Himachal Pradesh.**

सन्दर्भ: नोडल अधिकारी एवं मुख्य वन संरक्षक (एफ.सी.ए.), हिमाचल प्रदेश के पत्र संख्या एफ.टी. 48-2670 / 2013 (एफ.सी.ए) दिनांक 04.10.2017

महोदय,

उपरोक्त विषय पर ऑनलाइन प्रस्ताव संख्या-FP/HP/Other/18902/2016 तथा नोडल अधिकारी एवम् मुख्य वन संरक्षक (एफ.सी.ए.), हिमाचल प्रदेश के पत्र संख्या एफ.टी. 48-2670 / 2013 (एफ.सी.ए) दिनांक 02.08.2016 का अवलोकन करने का कष्ट करें, जिसके द्वारा विषयांकित प्रस्ताव पर केन्द्र सरकार से वन (संरक्षण) अधिनियम, 1980 की धारा-2 के तहत स्वीकृति मांगी थी।

प्रश्नगत प्रकरण में इस कार्यालय के समसंख्यक पत्र दिनांक-10.03.2017 द्वारा प्रस्ताव में सैद्धान्तिक स्वीकृति प्रदान की गयी थी जिसमें उल्लिखित शर्तों की अनुपालन आव्याय नोडल अधिकारी एवं मुख्य वन संरक्षक (एफ.सी.ए.), हिमाचल प्रदेश के उपरोक्त संदर्भित पत्र द्वारा प्रस्तुत कर दी गयी है। राज्य सरकार के प्रस्ताव पर ध्यानपूर्वक विचार करने के उपरान्त केन्द्र सरकार **Diversion of 6.40 ha of additional forest land for the construction of Solar Power Project (5 MW) Berra-Dol in favour of HPPCL within the jurisdiction of Bilaspur Forest Division, District Bilaspur, Himachal Pradesh** हेतु विधिवत् स्वीकृति निम्नलिखित शर्तों पर प्रदान करती है:-

1. वन भूमि की विधिक परिस्थिति नहीं बदली जाएगी।
2. प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार Thana Kalan/Shamlat Tihra Khas H43E6 (53A/6) में प्रयोक्ता एजेंसी से प्राप्त राशि से कुल 6.40 हेक्टेक्टर वन भूमि में पौधे लगाकर किया जाएगा। प्रतिपूर्ति पौधारोपण के लिए चयनित Thana Kalan/Shamlat Tihra Khas H43E6 (53A/6) की 6.40 हेक्टेक्टर भूमि को वैज्ञानिक दृष्टि से प्रबंधन हेतु वन विभाग, हिमाचल प्रदेश के प्रशासनिक नियंत्रण में हस्तांतरित व नामांतरित कर दिया गया है। इसे भारतीय वन अधिनियम, 1927 के अंतर्गत छ: माह के अंदर आरक्षित/संरक्षित वन घोषित किया जाएगा। नोडल अधिकारी को अधिसूचना की एक प्रति अभिलेख हेतु क्षेत्रीय कार्यालय को प्रस्तुत करनी होगी। प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक से दो वर्षों के अन्दर पूर्ण किया जाना चाहिए।
3. State Govt. will issue the final order only after complying the condition-06 of In-Principle approval issued vide this office letter dated 10.03.2017 and also after confirming to this office that the extent of area of land mutated/transferred in the name of Forest Department for CA is the same as proposed i.e. 6.40 ha.
4. एन.पी.वी. की दरों में अगर बढ़ोतरी होती है तो प्रयोक्ता अभिकरण बढ़ी दरों पर एन.पी.वी. देने के लिए बाध्य होगा।
5. प्रयोक्ता अभिकरण द्वारा प्रस्तावित वन क्षेत्र के आस-पास मजदूरों/स्टॉफ के लिये किसी भी प्रकार का लेबर कैम्प नहीं लगाया जायेगा।

DGM (TM & TP)

Pl. endorse it to Dir(C), GM(CP), CES, JO(E) for n.a.H.  
T.S. 10/10/17

Addl. General Manager  
TP & TM HEPs HPPCL  
Kotli, Distt. Mandi (H.P.)

6. प्रयोक्ता अभिकरण के द्वारा निर्माण कार्य के दौरान स्थल पर कार्यरत मजदूरों एवं स्टॉफ के लिये रसोई गैस/कैरोसिन तेल की आपूर्ति की जायेगी, जिससे निकटवर्ती वनों को क्षति न पहुँचे।
7. परियोजना के निर्माण व रख-रखाव के दौरान आस-पास के क्षेत्र की वनस्पतियों एवं जीव-जन्तुओं को किसी प्रकार की क्षति नहीं पहुँचायी जायेगी।
8. निर्माण कार्यों के पूर्ण होने के पश्चात् जहां-जहां समंव हो, परियोजना क्षेत्र के रिक्त स्थानों पर प्रयोक्ता अभिकरण द्वारा अपने व्यय पर वन विभाग की देख-रेख में उपयुक्त प्रजाति के पौधों का Plantation किया जायेगा।
9. वन भूमि का प्रयोग प्रस्ताव में दर्शाये गये उद्देश्य के अलावा अन्य किसी उद्देश्य के लिए नहीं किया जायेगा।
10. कम से कम वृक्षों का कटान/पातन किया जाएगा, जिनकी संख्या प्रस्ताव के अनुसार 09 से अधिक न हो।
11. प्रयोक्ता अभिकरण वन विभाग की देख-रेख में प्रत्यावर्तित भूमि का RCC Pillars लगाकर सीमांकन करेगा जिन पर forward and back bearing भी अंकित किया जाएगा।
12. भारत सरकार की पूर्व अनुमति के बिना Layout Plan नहीं बदला जाएगा।
13. प्रयोक्ता अभिकरण द्वारा इस प्रोजेक्ट के लिए सक्षम अधिकारी/Authority से आवश्यक पर्यावरण मंजूरी (Environmental Clearance), यदि लागू है तो, लेना आवश्यक होगा।
14. परियोजना निर्माण से उत्सर्जित मलवे का निस्तारण प्रयोक्ता अभिकरण द्वारा प्रस्तुत मलवा निस्तारण योजना के अनुसार प्रभागीय वनाधिकारी की देख-रेख में किया जाएगा एवं निर्दिष्ट स्थानों के अलावा अन्यत्र मलवा नहीं फेंका जाएगा।
15. यदि कोई अन्य सम्बन्धित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरूरी अनुमति लेना राज्य सरकार/प्रयोक्ता एजेंसी की जिम्मेवारी होगी।
16. ऐसी अन्य कोई भी शर्त जो कि भारत सरकार भविष्य में पर्यावरण, वन एवं वन्य जीवों के संरक्षण हेतु आवश्यक समझे।

उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं पाए जाने पर मंत्रालय इस स्वीकृति अनुपालना सुनिश्चित करेगी।

भवदीय,

प्रतिलिपि सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-

1. अपर वन महानिदेशक (एफ.सी.) पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इन्दिरा पर्यावरण भवन, जोखावाग रोड, अलीगंज, नयी दिल्ली - 110003
2. मुख्य वन संरक्षक (एफ.सी.ए.) एवम् नोडल अधिकारी, हिमाचल प्रदेश सरकार, वन विभाग, टालैंड, शिमला।
3. आदेश पत्रावली।

(अजय कुमार)  
अपर प्रमुख मुख्य वन संरक्षक

20000000  
10.10.2017

(अजय कुमार)  
अपर प्रमुख मुख्य वन संरक्षक



भारत सरकार  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
क्षेत्रीय कार्यालय,  
पिर्यसन रोड,  
वन अनुसंधान संस्थान परिसर,  
पो.ओ.००३०००, न्यू फॉरेस्ट, देहरादून-२४८००६  
दूरभाष: ०१३५-२७५०८०९,  
ईमेल/Email - [moef.ddn@gmail.com](mailto:moef.ddn@gmail.com)

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT,  
FORESTS & CLIMATE CHANGE,  
REGIONAL OFFICE,  
Pearson Road, FRI Campus,  
P.O. New Forest, Dehradun - 248006  
Phone: 0135-2750809

दिनांक २१, अगस्त, २०१५

पत्र सं० ९-HPC/417/2013-CHA/1018

सेवा में  
अतिरिक्त मुख्य सचिव (वन),  
हिमाचल प्रदेश सरकार,  
आमर्सडेल विलिंग, शिमला।

विषय : Diversion of 6.46 ha of forest land in favour of Himachal Pradesh Power Corporation Limited for the construction of Solar Power Project (5MW) Berra-Dol, Tehsil Shri Naina Devi Ji, within the jurisdiction of Forest Division and District Bilaspur, Himachal Pradesh.

सन्दर्भ : नोडल अधिकारी एवं अपर प्रधान मुख्य वन संरक्षक, हिमाचल प्रदेश का पत्रांक Ft.-48-2670/2013(एफ०सी०८०)  
दिनांक 27.07.2015

महोदय,  
कृपया उपरोक्त विषय पर नोडल अधिकारी एवं अपर प्रधान मुख्य वन संरक्षक, हिमाचल प्रदेश सरकार के पत्रांक Ft.-48-2670/2013(एफ०सी०८०) दिनांक 22.11.2013 का आशय प्रहण करने का कष्ट करें, जिसके द्वारा राज्य सरकार ने विषयांकित प्रस्ताव पर वन संरक्षण अधिनियम 1980 की धारा (2) के तहत भारत सरकार की स्वीकृति मांगी थी।

प्रश्नगत प्रकरण में क्षेत्रीय कार्यालय के समसंख्यक पत्र दिनांक-12.06.2015 द्वारा प्रस्ताव में सेंदान्तिक प्रदान की गयी थी जिसमें उल्लिखित शर्तों की अनुपालन आव्या नोडल अधिकारी एवं अपर प्रधान मुख्य वन संरक्षक हिमाचल प्रदेश के उपरोक्त संदर्भित पत्र द्वारा प्रस्तुत की गयी है। राज्य सरकार के प्रस्ताव पर प्राप्तपूर्वक विचार करने के उपरान्त मुझे यह सूचित करने का निर्देश हुआ है कि केन्द्र सरकार Diversion of 6.46 ha of forest land in favour of Himachal Pradesh Power Corporation Limited for the construction of Solar Power Project (5MW) Berra-Dol, Tehsil Shri Naina Devi Ji, within the jurisdiction of Forest Division and District Bilaspur, Himachal Pradesh हेतु विधिवत् स्वीकृति निम्नलिखित शर्तों पर प्रदान करती है:-

1. वन भूमि की विधिक परिस्थिति नहीं बदली जाएगी।
2. प्रतिपूर्ति पौधारोपण प्रस्ताव के अनुसार UPF DALET में प्रयोक्ता एजेंसी से प्राप्त राशि से कुल 12.1985 हेंड वन भूमि में पौधे लगाकर किया जाएगा। प्रतिपूर्ति पौधारोपण इस पत्र के जारी होने की तिथि से एक से दो वर्षों के अन्दर पूर्ण किया जाना चाहिए।
3. प्रयोक्ता अभिकरण वन विभाग की देख-रेख में प्रत्यावर्तित भूमि का RCC Pillars लगाकर सीमांकन करेगा जिन पर निर्माण कार्य के पूर्ण होने के पश्चात् जहां-जहां संभव हो, प्रयोक्ता अभिकरण द्वारा परियोजना क्षेत्र में खाली स्थानों पर अपने घर पर वन विभाग की देख-रेख में यूक्तारोपण तथा उसका 7 से 10 वर्षों तक रख-रखाय किया जाएगा।
4. निर्माण कार्य के पूर्ण होने के पश्चात् जहां-जहां संभव हो, प्रयोक्ता अभिकरण द्वारा परियोजना क्षेत्र में खाली स्थानों पर अपने घर पर वन विभाग की देख-रेख में यूक्तारोपण तथा उसका 7 से 10 वर्षों तक रख-रखाय किया जाएगा।

कृपया अभिकरण द्वारा प्रस्तावित वन क्षेत्र के आस-पास मजदूरों/स्टोफ के लिये किसी भी प्रकार का कैम्प नहीं लगाया जायेगा।

कृपया अभिकरण द्वारा प्रस्तावित वन क्षेत्र के आस-पास मजदूरों/स्टोफ के लिये किसी भी प्रकार का कैम्प नहीं लगाया जायेगा।

Addl. General Manager, एन.पी.वी. की दरों में अगर यदोंतरी होती है तो प्रयोक्ता अभिकरण द्वारी दरों पर एन.पी.वी. देने के लिए बाध्य होगा।

TP & TM HEPs MPPCL  
Kotli, Distt. Mandi (H.P.)

Addl. General Manager  
TP & TM HEPs MPPCL  
Kotli, Distt. Mandi (H.P.)

7. प्रयोक्ता अभिकरण के द्वारा निर्माण कार्य के दौरान स्थल पर कार्यरत मजदूरों एवं स्टॉफ के लिये रसोई गैस/कैरोसिन तेल की आपूर्ति की जायेगी, जिससे निकटवर्ती बनो को क्षति न पहुँचे।
8. परियोजना निर्माण में उत्सर्जित मलबे का निस्तारण प्रयोक्ता अभिकरण द्वारा प्रस्तुत मलबा निस्तारण योजना के अनुसार प्रभागीय बनाधिकारी की देख-रेख के किया जाएगा एवं निर्दिष्ट रथानों के अलावा अन्यत्र मलबा नहीं फेंका जाएगा।
9. परियोजना के निर्माण व रख-रखाव के दौरान आस-पास के क्षेत्र की वनस्पतियों एवं जीव-जन्तुओं को किसी प्रकार की क्षति नहीं पहुँचायी जायेगी।
10. यन् भूमि का प्रयोग प्रस्ताव में दर्शाये उद्देश्य के अलावा अन्य किसी उद्देश्य के लिए नहीं किया जायेगा।
11. प्रयोक्ता अभिकरण अपने व्यय पर आवश्यक मृदा संरक्षण कार्य सम्पादित करना सुनिश्चित करेगा।
12. कम से कम वृक्षों का कटान/पातन किया जाएगा, जिनकी संख्या प्रस्ताव के अनुसार 105 (13 trees & 92 saplings) से अधिक न हो।
13. यदि कोई अन्य सम्बन्धित अधिनियम/अनुच्छेद/नियम/न्यायालय आदेश/अनुदेश आदि इस प्रस्ताव पर लागू होते हैं तो उनके अधीन जरुरी अनुमति लेना राज्य सरकार/प्रयोक्ता एजेंसी की जिम्मेदारी होगी।
14. ऐसी अन्य कोई भी शर्त जो कि भारत सरकार भविष्य में पर्यावरण, वन एवं वन्य जीवों के संरक्षण हेतु आवश्यक समझे।

उपरोक्त शर्तों में से किसी भी शर्त का कार्यान्वयन सन्तोषप्रद नहीं पाए जाने पर मंत्रालय इस स्वीकृति को रथगित/रद्द कर सकता है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों की अनुपालना सुनिश्चित करेगी।

भवदीय,

(एम०एस० नेगी)  
उप वन संरक्षक

प्रतिलिपि सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषितः

1. अपर वन महानिदेशक (एफ.सी.) पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, इन्दिरा पर्यावरण भवन, जोरदार रोड, अलीगंज, नदी दिल्ली - 110003
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3. अंदेश पत्रावली।

(एम०एस० नेगी)  
उप वन संरक्षक

NOTIFICATION

(35)

The Governor, Himachal Pradesh is pleased to notify the model Rehabilitation and Resettlement Scheme for the Project affected families of projects being executed by the Himachal Pradesh Power Corporation Limited as per Annexure-A

By Order

F.G.-own-Principal Secretary (Revenue) to the Government of Himachal Pradesh.

Endst. No. Rev(PC)A(10)-7/2008 Dated Shimla-2, the 19<sup>th</sup> January, 2009

Copy is forwarded for information and necessary action to:-

1. The Principal Secretary, MPP & Power/Home/J&PH/Industry/Pollution Control/Forests/Science & Technology/PWD/Revenue/Education/Fisheries/L&P/Health/Panchayati Raj to the Government of Himachal Pradesh.
2. All the Divisional Commissioners in H.P.
3. All the Deputy Commissioners in H.P.
4. The Managing Director, Himachal Pradesh Power Corporation Ltd. New HPPCL Bhawan, Panjri, Below Old M.L.A Quarters, Rukand, Shimla-171004 with reference to his letter No. HPPCL/ESMU-4/Renukaji/08-263 Dated 26-11-2008.
5. The Chief Engineer (P&P), HPSEB, Shimla-4.
6. The Controller, Printing and Stationery, Himachal Pradesh Shimla-5 for publication in the extra-ordinary Rajputana Guard file.

Joint Secretary (Revenue) to the Government of Himachal Pradesh

Endst. No. HPPCL/ESMU-4/Renukaji/08-81-85 Dated- 9-2-2009

Copy is forwarded for information and necessary action to:-

1. GM Sawra-Kuddu HEP, Distt. Shimla
2. GM Sainj HEP, Distt. Kullu
3. Dy. GM Kashang HEP, Distt. Kinnaur
4. Dy. GM Shongtong HEP, Distt. Kinnaur
5. Dy. GM Renukaji Dam Project, Distt. Sirmaur.

*Sharma*  
29/01/09

Chief Social and R&R Specialist:  
HPPCL, Ultam Bhawan,

*Mohd*  
Addl. General Manager  
TP & TM HEPs HPPCL  
Kotli, Distt. Mandi (H.P.)



***REHABILITATION  
AND  
RESETTLEMENT PLAN***

*PhG*  
Addl. General Manager  
TP & TM HEPs HPPCL  
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## Index

Part/Chapter No.	Heading	Page No.
Introduction	Introduction	3
Part-I	Information of particulars in respect of R&R plan	5
Part-II	Resettlement and Rehabilitation Scheme for Project Affected Families	6
Part-III	Definitions	8
Part-IV	Social Impact Assessment	13
Part-V	Sanction of welfare grants or facilities and grants to PAF rendered landless or houseless or both	15

*Jhajh*  
Addl. General Manager  
TP S. TM HEPs HPPCL  
Kullu, Distt. Mandi (H.P.)

## RELIEF & REHABILITATION PLAN

### INTRODUCTION

Power is a critical for the socio-economic development, and efforts at accelerating the rate of economic growth in the new globalised economy. Development of hydro power is essential for the sustainable development of the country. Large untapped hydro potential exists in the Himalayas, which can make a substantial contribution to the total power generation in the country. The Government of Himachal Pradesh is committed to this onerous task and is doing its best to develop the total hydro power potential of the State, which is to the tune of 21,000MW.

Himachal Pradesh is a mountainous State, located in the North of the country. The State has a diverse topography-high mountain ranges interspersed with deep gorges and valleys to fertile Gangetic plains in its south East. The attitude ranges from 350 meters to 6975 meters above mean sea level. Himachal Pradesh is blessed with abundant water resources in its five major rivers i.e. Chenab, Ravi, Beas, Satluj and Yamuna, which emanate from the western Himalayas and flow through the State. These snow fed rivers and their tributaries carry copious discharge all the year round which can be exploited for power generation. All the rivers basins and its valleys are connected by roads, other communication network and strong base of other social infrastructure like health & education etc.

### PROJECT AT A GLANCE:

[Description of the Concerned Project will be given here]

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## **SALIENT FEATURES OF THE PROJECT**

**(The Salient features of the concerned project will be given here)**

- 1. Location**
- 2. Hydrology**
- 3. River diversion works**
- 4. Main dam /Barrage**
- 5. Reservoir/ Storage**
- 6. Spillway**
- 7. Penstock**
- 8. Power House Complex**
- 9. Transmission Lines**
- 10. Power Generation**
- 11. Cost –Estimate**
- 12. Financial Aspects**

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## PART-1

### INFORMATION OF PARTICULARS IN RESPECT OF R&R PLAN OF \_\_\_\_\_ PROJECT

1. The following information/details of particulars in respect of Rehabilitation & Resettlement plan of the concerned project will be given here.
  - (a) The extent of land to be acquired for the project and the name (s) of the affected village(s);
  - (b) A village wise list of the affected persons, family-wise, and the extent and nature of land and immovable property owned or held in their procession in the affected area and the extent and nature of such land and immovable property which they are likely to loose or have lost, indicating the survey numbers thereof.
  - (c) A list of agricultural labourers in such area and the names of such persons whose livelihood depends on agriculture activities;
  - (d) A list of persons who have lost or likely to loose their employment or livelihood or who have been or likely to be alienated wholly or substantially from their main sources of trade, business, occupation or vocation consequent to the acquisition of land for the project or involuntary displacement due to any other cause;
  - (e) A list of non-agriculture labourers, including artisans;
  - (f) A list of landless affected family, including those without homestead land and below poverty line families;
  - (g) A list of honorable affected persons;
  - (h) A list of occupiers, if any;
  - (i) A list of public utilities and Govt. buildings which are affected or likely to be affected;
  - (j) Details of public and community properties, assets and infrastructure;
  - (k) A list of benefits and packages which are to be provided to the affected families;
  - (l) Details of the extent of land available in the resettlement area for resettling and for allotment of land to the affected families;
  - (m) Details of the amenities and infrastructure facilities which are to be provided for resettlement;
  - (n) The time schedule for shifting and resettling the displaced persons in the resettlement area or areas; and
  - (o) Such other particulars as the Administrator for Rehabilitation and Resettlement may consider necessary.

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## PART-II

### RESETTLEMENT AND REHABILITATION SCHEME FOR PROJECT AFFECTED FAMILIES OF \_\_\_\_\_ PROJECT.

2.1 Whereas for the construction of \_\_\_\_\_ Project besides the Government land, lot of private land is also required to be acquired from private persons. Due to acquisition of private land for the Project, a good number of families will be affected. The construction of the project will also involve under ground works, transportation of large quantities of material, submergence of number of villages due to construction of Dam more than usual activity in the area and therefore, all this is likely to have an impact on the lives of people living in the area. H.P. Power Corporation Limited would like to improve the life of people living in the area besides mitigating any hardships that may arise due to the construction of the project.

And whereas to protect the interests of the project affected people and landless family (and any other family affected during construction stage of the project), A scheme for Resettlement and Rehabilitation of the persons affected on this account has been prepared incorporating adequate arrangements for their resettlement and rehabilitation.

Now, therefore, the H.P. Power Corporation Limited hereby proposes the following scheme for Resettlement and Rehabilitation of the persons affected on account of acquisition/ of their Land Acquisition Act.1894 for the construction of \_\_\_\_\_ Project in \_\_\_\_\_ District. This has been prepared by taking into consideration the R&R Policy notified by Govt. of HP vide notification No Rev(PD)F(5)-1/1999 dated 27-4-06 National Rehabilitation and Resettlement Policy 2007 and National Hydro Policy 2008.

#### 2.2 OBJECTIVES:

- 2.2.1 To compensate the families affected adversely by construction of the project.
- 2.2.2 To improve the quality of life of the people of the area through better infrastructure, sustainable income and better skills and generally contribute to and be a part of the development of the area and the people.
- 2.2.3 To create a good will for the organization and have a good long term relationship.

2.2.4 To ensure that rights of individual and society particularly those belonging to the weaker section of the society are adequately protected.

### 2.3 BASIC ISSUES AND NEED FOR R&R ACTION PLAN:

Whereas efforts are made to minimize the land acquired and not displace too many families, sometimes it becomes unavoidable. When this happens it is important that the affected families get due care and attention.

Acquisition of land generally induces change in land use pattern and can disturb the economic base. The R&R Action Plan is therefore formulated with an objective to resettle the families rendered landless or affected families whose land/house/shop is acquired and to rehabilitate them in such a manner that they improve or at least regain their previous standard of living, earning capacity and production level. Besides, it is imperative that the transition gap is to be reduced to the minimum possible extent.

With proper resettlement and rehabilitation plan, an amicable relationship with PAFs can be maintained which is essential for efficient operation of the project. It is generally seen that the displacement during acquisition of land is involuntary and the PAFs have to face a new social setup. During such transition period, the rural economic environment is generally transformed into higher cost of living and reduction in traditional sources of income. In general, PAFs face difficulty to cope with the new environmental set up.

Domestic changes in the land use patterns substantially alter the agro based rural economy and lifestyle of affected families.

### 2.4 RELIEF REHABILITATION STRATEGIES:

- ❖ Each Project Affected Family will be suitably and adequately compensated to ensure replacement of the assets lost or acquired.
- ❖ The local population of the Project Affected Area will be provided guidance and counseling education through scholarships, sponsorships guidance for better living conditions and better livelihood including training in the area of common occupations like Agriculture, Horticulture etc.
- ❖ General Development of the project area by building or improving infrastructure such as roads, footpaths, bridges, water supply, irrigation through public participation and community development works etc.
- ❖ Creating opportunities of employment for local people through self employment schemes or indirect employment in project activities.
- ❖ Maintaining a friendly contact with the public through regular meetings, Public Information Centre, printed material, PAF identity card, functions etc.

- ❖ Providing direct help to the people in extreme hardship.

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## PART-III

### DEFINITIONS

3.1 This Scheme may be called the Resettlement and Rehabilitation Scheme of **Himachal Pradesh** Power Corporation Limited for the project affected families of \_\_\_\_\_ Project (hereinafter called R&R Scheme for Project).

It shall extend to the whole of area affected or likely to be affected as a result of construction of \_\_\_\_\_ within \_\_\_\_\_ Tehsil \_\_\_\_\_ District of Himachal. Panchayat will be taken as a unit and all Panchayats where either land is acquired or where underground works are undertaken will constitute the project affected area.

The Commissioner for Resettlement & Rehabilitation appointed by the State Government for supervising the relief and welfare works of various Projects in Himachal Pradesh would also be the Commissioner for welfare of the affected population so that the welfare works are carried out under his directions and guidance.

The Deputy Commissioner, in whose jurisdiction the Project Affected Area falls, will be the Administrator for Welfare of the area so that the Relief and Welfare works are carried out and controlled under her supervision.

#### 3.2 Definitions:

##### 3.2.1 Family

'Family' means husband/wife of the person who is entered as owner/co-owner of the land in the revenue record, their children including step or adopted children, grand children and includes his/her parents and those brothers and sisters who are living jointly with him/her as per entries of Panchayat Parivar Register as on date of notification under Section-4 of the Land Acquisition Act, 1894.

##### Explanation:

Only the Panchayat Parivar Register Entry, as it stood on the date of Notification under Section-4 of the Land Acquisition Act, 1894, shall be taken into account for the purpose of separate family for rehabilitation benefits as well as for consideration of employment.

##### 3.2.2 Project Affected Family (PAF)

(i) A family whose primary place of residence or other property or source of livelihood is adversely affected by the acquisition of land for a project or involuntary displacement for any other reason; or

- (ii) Any tenure holder, tenant, lessee or owner of other property, who on account of acquisition of land (including plot in the *abadi* or other property) in the affected area or otherwise, has been involuntarily displaced from such land or other property; or -
- (iii) Any agricultural or non-agricultural labourer, landless person (not having homestead land, agricultural land, or either homestead or agricultural land), rural artisan, small trader or self-employed person; who has been residing or engaged in any trade, business, occupation or vocation continuously for a period of not less than three years preceding the date of declaration of the affected area, and who has been deprived of earning his livelihood or alienated wholly or substantially from the main source of his trade, business, occupation or vocation because of the acquisition of land in the affected area or being involuntarily displaced for any other reason;

### **Explanation**

The date of declaration will be taken as the date of notification under Section 17(4) or 4 of Land Acquisition Act, 1894. The period of residence of not less than three years will not be applicable in respect of PAFs who own land in the Project Affected Area. The period of residence of not less than three years as well as effects on source of livelihood would be determined by the Deputy Commissioner concerned.

#### **3.2.3 "Main Project Affected Family"**

Main Project Affected Family is a Project Affected Family whose land or house/building is acquired for the project.

##### **3.2.3 (a) Main Project Affected family Rendered Landless**

The Main PAF rendered landless means that family whose whole agricultural land is acquired for the project or in whose case balance agriculture land left after acquisition is less than 5 bighas. For this purpose agriculture land held by project area by all such persons and their family members shall be taken into account. Person losing land on acquisition of building and land appurtenant there to shall not be treated as landless Project Affected Family. The landless PAF shall be duly certified by the Deputy Commissioner of concerned area.. To arrive at balance land, with a family, land hold by them outside the project affected area will also be considered. The definition of landless family will be as given by Govt. of H.P. this may therefore vary if the definition is changed by Govt. of H.P. The definition as applicable on the date of section 4 notification will be made applicable.

##### **3.2.3 (b) Main Project Affected Family Rendered Houseless.**

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Project Affected Area will consist of only Panchayat where project work actually takes place (both on surface and under ground) **including submergence area due to reservoir of the Project**. Adjoining panchayat may also be affected due to high vehicular traffic; blasting or dust etc. These Panchayats can be included in the Project Affected Zone. The thumb rule would be area located  $\frac{1}{2}$  to 1 KM. beyond the project affected area.

**3.2.6 "Agricultural Labourer"** means a person primarily resident in the affected area for a period of not less than three years immediately before the declaration of the affected area who does not hold any land in the affected area but who earns his livelihood principally by manual labour on agricultural land therein immediately before such declaration and who has been deprived of his livelihood;

**3.2.7 "Agricultural land"** includes lands being used for the purpose of-

- (i) agriculture or horticulture;
- (ii) dairy farming, poultry farming, pisciculture, breeding of livestock or nursery growing medicinal herbs;
- (iii) raising of crops, grass or garden produce; and
- (iv) land used by an agriculturist for the grazing of cattle, but does not include land used for cutting of wood only;

**3.2.8 "Appropriate Government"** means The State Government.

**3.2.9 "Project Authority"**

Himachal Pradesh Power Corporation Limited.

**3.2.10 "BPL family":** The below poverty line (BPL) families shall be those as defined by the Planning Commission of India from time to time and included in a BPL list for the time being in force;

**3.2.11 "Administrator for Rehabilitation and Resettlement"** means an officer not below the rank of District Collector in a State appointed for the purpose of rehabilitation and resettlement of affected person; normally this will be the Deputy Commissioner of the district concerned where the project is located or where major portion of the project is located.

**3.2.12 "Commissioner for Rehabilitation and Resettlement"** means the Commissioner for Rehabilitation and Resettlement appointed by the State Government not below the rank of Commissioner or of equivalent rank of that Government;

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3.2.13 "DDP block" means a block identified under the Desert Development Programme of the Government of India;

3.2.14 "Holding" means the total land held by a person as an occupant or tenant or as both;

3.2.15 "Khatedar" means a person whose name is included in the revenue records of the parcel of land under reference;

3.2.16 "Land acquisition" or "acquisition of land" means acquisition of land under the Land Acquisition Act, 1894 (1 of 1894), as amended from time to time, or any other law of the Union or a State for the time being in force;

3.2.17 "Marginal farmer" means a cultivator with an un-irrigated land holding up to one hectare or irrigated land holding up to half hectare;

3.2.18 "Non-agricultural labourer" means a person who is not an agricultural labourer but is primarily residing in the affected area for a period of not less than three years immediately before the declaration of the affected area and who does not hold any land under the affected area but who earns his livelihood principally by manual labour or as a rural artisan immediately before such declaration and who has been deprived of earning his livelihood principally by manual labour or as such artisan in the affected area;

3.2.19 "Notification" means a notification published in the Gazette of India or, as the case may be the Gazette of a State;

3.2.20 "Occupiers" mean members of the Scheduled Tribes in possession of forest land prior to the 13<sup>th</sup> day of December, 2005;

3.2.21 "Resettlement area" means any area so declared.

3.2.22 "Small farmer" means a cultivator with an un-irrigated land holding up to two hectares or with an irrigated land holding up to one hectare, but more than the holding of a marginal farmer.

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## PART-IV

### SOCIAL IMPACT ASSESSMENT

**4.1** A Social Impact Assessment Study will be carried out in the project affected area through an independent, professional agency in order to determine the impact that the project can have on the people, their lives, the community and the society. This study will be done before the start of work on Main Project Components.

**4.2** The study will cover impact on public and community properties (particularly common grazing grounds, forest right); available infrastructure like roads, water supply, irrigation schools, medical facilities, fairs and festivals power supply, places of worship, burial and cremation grounds, etc. access to adjoining villages across the water source being dammed or diverted, livelihood sources; reduction in land and other natural resources etc.

**4.3** Public hearing will be done along with the public hearing for EIA or separately. This R&R Plan will be appropriately modified if need is felt after the SIA report is obtained.

**4.4 Base Line Survey:**

A base line survey will be conducted in the project affected area which will *inter-alia* cover:

- (i) Information about families living in the area, their occupation, income, education, housing available and dependence on common resources.
- (ii). Available infrastructure and resources.
- (iii). Land holdings.
- (iv) Members of the family who are permanently residing engaged in any trade, business, occupation or vocation in the affected area;
- (v) Families who are likely to lose, or have lost, their house, agricultural land, employment or are alienated wholly or substantially from the main source of their trade, business, occupation or vocation;
- (vi) Agricultural labourers and non-agricultural labourers;
- (vii) Families belonging to the Scheduled Caste or Scheduled Tribe categories;
- (viii) Vulnerable persons such as the disabled, destitute, orphans, widows, unmarried girls, abandoned women, or persons above fifty years of age; who are not provided or cannot immediately be provided with alternative livelihood, and who are not otherwise covered as part of a family.

- (ix) Families that are landless (not having homestead land, agricultural land, or either homestead or agricultural land) and below poverty line, but residing continuously for a period of not less than three years in the affected area preceding the date of declaration of the affected area; and
- (x) Scheduled Tribes families who are or were having possession of forest lands in the affected area prior to the 13<sup>th</sup> day of December, 2005.

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## PART-V

### SANCTION OF WELFARE GRANT OR FACILITIES AND GRANT TO THE PAF RENDERED LANDLESS OR HOUSELESS OR BOTH.

#### 5. Resettlement Grant.

5.1 The PAF rendered landless on account of acquisition of land shall be eligible for landless grant in the following manner.

1. Family whose land before acquisition was more than 5 bighas and is left with one biswa or no agriculture land after acquisition, Rs. 2.50 lac lump sum.
2. Family whose land before acquisition was less than five bighas and is left with one biswa or no agriculture land after acquisition, Rs. 1.50 lac lump sum.
3. Family whose land holding is left with more than one biswa and less than 2-10-0 bighas of land after acquisition, Rs. 1.00 lac lump sum.
4. Family whose land holding is left with more than 2-10-0 and less than five bighas of land after acquisition, Rs. 75,000/- lump sum.
5. **Other families whose land has been acquired and land holding left after acquisition is more than 5 bighas, amount equal to the land compensation paid subject to a minimum of 5000/- and maximum of 50,000/-.**
6. Family whose cattle shed is acquired in the project area, shall get one time financial assistance of Rs. 10,000/-. In no case the grant shall exceed Rs. 25,000/- per family.

5.2 Each PAF rendered landless as well as houseless (both) or houseless will be provided an independent house with a built up plinth area of 150 Sqm. Alternatively, PAF can also be offered a plot of size 250 Sqm. which allows construction of built up house of 150 Sqm. plinth area plus construction cost of the house @ Rs. 4000 per Sqm. (limited to 150 Sqm. plinth area).  
A family which does not opt for house/plot but constructs a house at own cost with a plinth area of 150 Sqm or more shall be paid the construction cost of the house @ of Rs. 5000 per Sqm (upto a plinth area of 150 Sqm maximum). Options from such families will be asked at an appropriate time. In case any of such family constructs house of less than 150 Sqm. Plinth area on his own plot or plot offered by the Project then amount to be given will be worked out on pro-rata basis.  
**This facility will be available in the event of acquisition of dwelling houses in the farm land (Dhogri) also.**

5.3 Displaced shopkeepers will be given shops in allotment in the market complex of the Project Township wherever the Project constructs such market places. In addition, they will be entitled to one time displacement grant of Rs. 20,000/-. The

commercial premises/ shops allotted to such displaced shopkeepers shall be utilized by them or their successors in interest for bona fide use only. In case the project is unable to provide shops, displaced shopkeepers shall get financial assistance of Rs. 2,00,000/-

- 5.4 Infrastructure facilities in the Rehabilitation colony will include water supply, sewage, drainage, electricity, streets community centre, green area, park and approach path/roads at the project cost.
- 5.5 Transportation at the project cost will be provided for physical movement of all the PAFs, and displaced shopkeepers and their house hold goods/ shop goods, as soon as the houses/shop get constructed in the Rehabilitation colony or a sum of Rs. 20,000/- in lump sum shall be paid, for which option will be invited from the affected families/ shopkeepers.
- 5.6 Stamp duty and other fees payable for registration shall be borne by the Project Authority. Rehabilitation grant shall be provided by the Project Authorities and placed at the disposal of the Deputy Commissioner, for disbursement to the eligible PAF's.
- 5.7 Transitional/ Subsistence Allowance based on 25x12 months minimum wages to each Project Affected Family will be paid if the family has become houseless and has to shift house or become landless and has to shift livelihood to a different location or change livelihood or has been involuntarily displaced.
- 5.8 Whereas it is not possible to provide land in exchange of land acquired but in case some agricultural land is available for distribution, upto 5 bighas land will be given to each PAF by giving priority to landless. This land will be given only to such PAF's who are primarily dependent on agriculture and the livelihood is substantially affected by land acquisition. In no case will land to be given in excess of that acquired. Giving of agricultural land will not be a right and will be only a welfare measure to be given only if possible.

If it is not possible to give land, a financial assistance at the rate of Rs. 50,000/- per bigha of cultivable land acquired and Rs. 20000/- per bigha for uncultivable land acquired will be paid as an additional assistance to the project affected family for purchasing land. This assistance will only be given if the Project Affected Family is able to prove that this will be utilized to purchase land of a value more than the money paid to the Project Affected Family under this clause (Clause-5.8).

If waste land or degraded land is allotted under this clause, then a land development charge of Rs. 15,000/- per bigha will be paid. The PAF's who are allotted land or those who purchase agricultural land will also get Rs.10, 000/- cash for agricultural production.

Each PAF which is displaced and has Cattle will be given Rs.20,000/- for construction of cattle shed.

Each PAF who is a artisan, small trader or self employed person and has been displaced shall get a one time financial assistance of Rs.50,000/- for construction of working shed or shop.

The families who have to shift house due to the project will be provided temporary accommodation at project cost for 3 to 6 months depending on their need.

#### 5.9 Loss of income from Forest or Govt. Land :

If PAF's have rights over minor forest produce like herbs, chilgoza etc and acquisition of such Govt/Forest land will deprive them of income/benefit which they were deriving from their right they may be suitably compensated by a lump-sum grant. If some portion of such land being acquired & not being submerged or used for construction and is to remain as such or as a buffer zone around the reservoir or around the project, the PAF's may be allowed to extract minor forest produce if it safe for them.

**NOTE:** All the above grants shall be in addition to the compensation paid under Land Acquisition Act, 1894.

#### 6. Employment

One member of each Project Affected Family rendered landless will be provided employment by the Project Authority in the category of skilled/ semiskilled/ unskilled workmen subject to fulfilling the requisite criteria/qualification and as and when any fresh recruitment is done in these categories, it would be ensured that land oustees eligible for employment as mentioned above are given chance first and normal recruitment would be made only if none are eligible & willing from amongst them. However, persons who are allotted shops shall not be eligible for benefit of employment and vice versa.

The following criteria will be adhered to by the Deputy Commissioner concerned for providing of preference while sponsoring the names for employment to the Project Authority.

- i. Affected families whose entire land has been acquired.
- ii. Affected families who have become landless on account of acquisition of land by the project.
- iii. Other affected families.

Within these categories preference will be given on the basis of quantum of land acquired. Those who lose more land will come first.

**6.0(a)** If there are some families who have lost their source of livelihood completely and do not have the capabilities or the financial strength to take on any other occupation and are not even provided alternate land, the project authorities may consider to provide direct employment to the members of such families as a

special case on recommendation from the Deputy Commissioner and after due verification.

- 6.1 The main PAF who are eligible for direct employment but have not been provided employment will be given a special rehabilitation/employment grant equivalent to 1000days of minimum wage for labour per family. (The employment here will mean regular employment in the organization building of the project). The PAF's will be given option to wait for direct employment.
- 6.2 Annuity Policy will be arranged for each vulnerable PAF [disabled, destitute, orphans, widows, unmarried girls (with no financial support), abandoned women, or poor persons above fifty years of age( who are unsupported)] who are not provided or cannot immediately be provided with alternative livelihood and who are not otherwise covered as part of a family which will provide a pension of Rs. 1000/-PM to the family starting from a date 5 years after the date of implementations of this plan and will continue for 10 years after that date. The Vulnerable PAF's will be those which are identified by the administrator under this plan.

### 6.3 Secondary Employment

The PAF's will be provided help to get employment other than direct employment in the project in the following manners:-

- 6.3.1 Merit scholarship scheme for the wards of Project Affected Families (PAFs) and other residents of project affected zone who may be pursuing vocational or professional course will be introduced by the Project Authorities as per scheme to be drafted by the Project Authority in consultation with Government of Himachal Pradesh. The project authorities will also consider getting some special seats in ITI's for the project affected families and other residents of the project affected zone. Some schemes to provide apprenticeship or on the job training to increase the employability of the residents of the project affected zone will also be started. Merit scholarship scheme for school going students of project affected zone will be started.
- 6.3.2 The Project Authorities will also consider award of petty contracts to the cooperatives of eligible families on preferential basis so that some may be engaged in such jobs. Further, the Project Authorities will advise their contractor to engage eligible persons from amongst affected families on a preferential basis wherever possible during construction stage. Other employment opportunities like hiring vehicles from PAF's will also be made available. Normally all contracts upto a value of Rs. 5 lakh will be given to PAF's and if PAF's are not available to families living in project affected zone. All vehicles hired by the project will be from PAF's and if not available from PAF's then from residents of Project Affected Zone. The new vehicles hired from PAF's may be hired for 3+1 years.

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Addl. General Manager  
TP & TM HEPs HPPCL

**6.3.3** The Project Affected Families (such as rural artisans/small traders and self employed persons) will be assisted to start various suitable self-employment occupations, which include dairy farming, poultry, weaving, bakery, handicraft, cottage industries unit/shops and hiring of vehicle to the corporation. The Project Authority will provide a grant of Rs. 50,000/- per family towards seed capital. The grant will be given once only.

"Only those families who have not been provided with employment in the Project or have not been allotted any shop will be eligible for this grant"

Families residing in the project affected area other than PAF's can also be considered for this on merit and if they are needy.

#### **Explanation:**

The Deputy Commissioner, will certify the effect on source of livelihood in case of rural artisans, small traders and self employed persons for eligibility of the grant.

**6.3.4** The PAF's and other fishermen having fishing rights in the river will also get fishing rights in the reservoir.

**6.3.5** If any manpower is obtained by the project authorities through outsourcing at any time during construction or running of the project for services like house keeping, gardening, typing, maintenance, computer work, office help etc first opportunity will be given to PAF's as contractors and also as personnel hired by contractor for their jobs. If PAF's are not willing then other residents of project affected zone may be considered.

### **7 R&R Benefits for PAF's belonging to ST & SC.**

- 7.1** In case the families loose access to forest due to the project a special plan will be formulated for development of alternate fuel, fodder and non timber forest produce.
- 7.2** Each PAF of ST followed by SC categories shall be given preference in allotment of land if any land is available for allotment to PAF's.
- 7.3** Each ST family will get an addition one time financial assistance of 500 days minimum wages for labour for loss of customary right's or usage of forest produce.
- 7.4** ST. PAF's will be resettled as far as possible in the same schedule area in a compound block so that they can retain their ethnic, linguistic and cultural identity.
- 7.5** The resettlement area prominently inhabited by ST's shall get 1000 Sqm. Land free of cost for community and religious gatherings.

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7.6 The ST's families resettled out of the district will get 25% higher resettlement grant.

## 8. Other benefits:-

8.1 Each PAF will be provided 100 units of electricity per month for a period of 10 years from the date of commissioning of the project. If the consumption of the PAF is less than that then the difference will be compensated in cash.

### 8.2 Medical fund:

A medical fund will be created for the PAF's. This fund will be need for providing treatment to the member of PAF's in hardship due to illness or in extreme illness or accident cases. Medicines may also be provided to other residents in the area.

8.3 Free medical treatment will be provided to PAF's at the project medical Facility.

8.4 Medical camps will be organized in various places in the project affected zone from time to time.

8.5 In order to help the families living in the project affected zone and to improve their skills in their occupation Agriculture, Horticulture and animal husbandry training and awareness camps will be organized by the Project Authorities from time to time Training camps on other subjects like finance and accounts, how to run small business, alternatives for self employment etc. will also be organized from time to time.

8.6 If it is felt that the fuel supply of the local residents is affected due to construction of the project, a scheme will be formulated to provide alternative fuel or fuel saving devices to the families whose fuel supply is affected.

8.7 Each PAF will be given an identity card which will have names of all the members of PAF.

8.8 The project authorities will set up one or more Project Information Officer for providing information and guidance to the local people particularly the PAF's.

8.9 Project authorities will set up a cultural fund for providing grants for organizing local fairs, festivals and functions.

### 9 Infrastructure Development:

Construction of the project is a major development activity for the area. It will be ensured that the available infrastructure in the area improves with the project.

9.1 If any available infrastructure is damaged due to the project, it will be restored. This includes water supply, irrigation, roads, paths, schools, places of worship, community building etc.

9.2 The local people will be allowed use of the infrastructure created primarily for the project like roads, bridges, schools, etc.

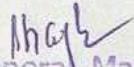
9.3 A fund under the name LADF will be created for development of infrastructure in the project affected area. The project authorities will contribute 1.5% of the project cost towards the funds. This fund will be administered by a Local Area Development Committee in accordance with the orders of the appropriate Government. The 80% of the funds available in LADF will be divided amongst the Panchayats falling within the Project affected area on the basis of a formula giving equal weightage to 3 criteria i.e.

- (i) Number of project affected families.
- (ii) Area acquired.
- (iii) Extent of underground works and disturbance in the area.

The remaining 20% funds may be used for common works or for works in the project affected zone or for completion of incomplete works.

9.4 The project authorities will also build infrastructure over and above LADF at their own which will benefit local population.

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